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New Claims

1. Radio device (1) on which a plurality of transmitting and receiving functions can be adjusted over a remote control interface (2), for transmitting information in a complex wireless transmission system, in particular by shortwave,

characterized in that

the remote control interface (2) of the radio device (1) is connected by a wireless link (3) directly to a mobile remote control device (4) by which the operating functions of the radio device (1) can be remotely controlled, and the operating states of the radio device (1) can be remotely monitored,

a device (5) for input and output of the information to be transmitted with the radio device (1) is provided on the ^{mobile} remote control device (4);

and the wireless link (3) has additional protective measures to ensure error-free transmission of the operating functions and information.

The
2. Radio device according to ~~Claim 1~~,
characterized in that

the wireless link (3) has channel coding suitable for error-free transmission.

The
3. Radio device according to ~~Claim 1 or 2~~,
characterized in that

transmission of the operating function data and information data on the wireless link (3) takes place according to a transmission protocol that provides data security.

The
4. Radio device according to ^{claim 1} ~~(one of the preceding claims)~~,
characterized in that

the operating function data and information data transmitted on the wireless link (3) is encoded to prevent interception.

The *claim 1*
5. Radio device according to (one of the preceding claims), connected by a cable (7) to a stationary or semi-mobile remote control device (6) and having a remote control interface (2), characterized in that the mobile remote control device (4) is connected by a wireless link (3) to this interface (2) of the stationary or semi-mobile remote control device (6), and a device (5) for input and output of the information to be transmitted is also provided on the mobile remote control device (4).

The *claim 1*
6. Radio device according to (one of the preceding claims), characterized in that the mobile remote control device (4) is designed as a battery-powered hand-held device which permits free mobility of the user.

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